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Vibrational and Electronic Energy Levels of Polyatomic Transient Molecules.
Supplement B.....1

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A summary is presented of recently published, critically evaluated experimental vibrational and electronic energy levels data for approximately 1700 neutral and ionic transient molecules and high temperature species possessing from three to sixteen atoms. Although the emphasis is on species with lifetimes too short for study using conventional sampling techniques, there has been selective extension of the compilation to include data for isolated molecules of inorganic species such as the heavy-metal oxides. Radiative lifetimes and the principal rotational constants are included.